

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An ultra-light sound insulator, comprising:
a sound absorption layer that is light in weight and has a thickness in a range of 1 to 100 mm, a density in a range of 0.01 to 0.2 g/cm³; and
an air-impermeable resonance layer in the form of ~~a foam or~~ a film having a thickness in a range of 10 to 600µm that is bonded to said sound absorption layer via an adhesive layer and has an area-weight of not greater than 600 g/m²,
wherein an adhesion strength of said adhesive layer against said sound absorption layer and said air-impermeable resonance layer is set in a range of 1 to 20 N/25 mm under conditions of a peel angle of 180 degrees and a peel width of 25 mm,
an adhesion area of said adhesive layer is 50 to 100% of a whole interface between said sound absorption layer and said air-impermeable resonance layer so that resonance due to a total mass of said air-impermeable resonance layer and said sound absorption layer occurs in addition to membrane resonance of said air-impermeable resonance layer, and
said sound absorption layer is adapted to face to a vehicle body panel, while said air-impermeable resonance layer is adapted to face to a vehicle interior.

2-4. (Canceled)

5. (Original) An ultra-light sound insulator in accordance with claim 1, wherein said sound absorption layer has a mono-layer structure and has a density in a range of 0.02 to 0.20 g/cm³ and a thickness in a range of 2 to 70 mm.

6. (Previously Presented) An ultra-light sound insulator in accordance with claim 5, wherein said sound absorption layer has an initial compression repulsive force in a range of 2 to 200 N.

7-12. (Canceled)

13. (Currently Amended) An ultra-light sound insulator in accordance with claim 1, wherein said air-impermeable resonance layer ~~is a film having~~ has a thickness in a range of 20 to 300 μm.

14. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, wherein said sound absorption layer a density in a range of 0.03 to 0.08 g/cm³.

15. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, wherein said air-impermeable resonance layer has an area-weight of not greater than 300 g/m².

16. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, wherein said adhesion strength of said adhesive layer against said sound absorption layer and said air-impermeable resonance layer is set in a range of 3 to 10 N/25 mm under conditions of a peel angle of 180 degrees and a peel width of 25 mm.

17. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, wherein said adhesion area of said adhesive layer is 80 to 100% of a whole interface between said sound absorption layer and said air-impermeable resonance layer.

18. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, wherein said sound absorption layer has a density in a range of 0.03 to 0.08 g/cm³, said air-impermeable resonance layer has an area-weight of not greater than 300 g/m², said adhesion strength of said adhesive layer against said sound absorption layer and said air-impermeable resonance layer is set in a range of 3 to 10 N/25 mm under conditions of a peel angle of 180 degrees and a peel width of 25 mm and said adhesion area of said adhesive layer is 80 to 100% of a whole interface between said sound absorption layer and said air-impermeable resonance layer.

19. (Canceled).

20. (Previously Presented) An ultra-light sound insulator in accordance with claim 5, wherein said sound absorption layer has an initial compression repulsive force in a range of 20 to 100 N.

21. (Previously Presented) An ultra-light sound insulator in accordance with claim 1, said ultra-light sound insulator further comprising a second sound absorption layer bonded to the other face of said air-impermeable resonance layer, which is adapted to face to said vehicle interior,

said second sound absorption layer having a density in a range of 0.05 to 0.15 g/cm³ and a thickness in a range of 4 to 10 mm.

22. (Previously Presented) An ultra-light sound insulator in accordance with claim 21, wherein said second sound absorption layer has a mono-layer structure.

23-26. (Canceled).